1	L Number	Hits	Search Text	DB	Time stamp
2					
3	2	148	_	1	2002/12/10 08:22
Same electronic OS-PGPUB 1967 1968 1968 1968 1968 1968 1969 1969				US-PGPUB	
196	3	7			2002/12/10 09:11
196	4	4993	moiet\$3 same electron	· ·	2002/12/10 08:26
7	5	196	(moiet\$3 same electron) same electric\$3	USPAT;	2002/12/10 08:27
Same molecule S591578.pn. USPACPUB U	7	54		USPAT;	2002/12/10 08:27
Semiconductor same oxidat\$3 USPAT;	6	44			2002/12/10 08:32
16800 semiconductor same oxidat\$3 USPAT;	8	1		USPAT;	2002/12/10 08:32
11 3980 oxidat\$3 near4 semiconductor US-PGPUB USPAT; USP	9	16800	semiconductor same oxidat\$3	USPAT;	2002/12/10 09:12
12	10	7118	(semiconductor same oxidat\$3) and electron		
				US-PGPUB	
14			electron	US-PGPUB	
			electron) and cleav\$3	US-PGPUB	
16	14		electron) and cleav\$3) and molecul\$3	US-PGPUB	
1				US-PGPUB	
Same cleav\$3				US-PGPUB	
Semiconduct\$3 USPGPUB Semiconduct\$3 USPAT; Semiconduct\$3 USPAT; USPGPUB Semiconduct\$3 USPAT; USPGPUB Semiconduct\$3 USPAT; USPGPUB USPAT;		11	same cleav\$3	US-PGPUB	
Semiconduct\$3	19	241		,	
Same molecule US-PGPUB US-P		82	semiconduct\$3	· ·	
1 5990479.pn. US-PGPUB USPAT; 2002/11/27 10:21 US-PGPUB USPAT; US-PGPU	21	4	same molecule	US-PGPUB	
- 632 250/251	-	0		US-PGPUB	
- 489 250/328	-		•	US-PGPUB	
172 250/315.3 US-PGPUB USPAT; US-PGPUB	-			US-PGPUB	
- 10 250/251 and semi-conductor US-PGPUB USPAT; US-PGPUB US-PGPUB US-PGPUB (((semi adj conductor) or (semi-conductor) US-PGPUB ((semi adj conductor)) and molecule) and (((semi adj conductor)) and molecule) and ((semi adj conductor)) and mole	-			•	2002/11/29 09:40
US-PGPUB USPAT; US-PGPUB	-	172			2002/11/29 09:40
- 4 250/315.3 and semi-conductor USPAT; US-PGPUB - 308808 (semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 27144 ((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 12358 (((semi adj conductor)) and molecule US-PGPUB - 12358 (((semi adj conductor)) or (semi-conductor) USPAT; US-PGPUB - 12358 (((semi adj conductor)) or (semi-conductor) USPAT; US-PGPUB - 12358 (((semi adj conductor)) and molecule) and electronic - 18457 (((semi adj conductor)) or (semi-conductor) USPAT; US-PGPUB - (((semi adj conductor)) and molecule) and (us-PGPUB) - (((semi adj conductor)) and molecule) and (electronic or electrical) - (((semi adj conductor)) or (semi-conductor) USPAT; 2002/11/29 11:07	_				2002/11/29 09:40
- 308808 (semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 27144 ((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 12358 (((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 12358 (((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 12358 (((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 18457 (((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 18457 (((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - (((semi adj conductor)) and molecule) and (semi-conductor) USPAT; US-PGPUB - (((semi adj conductor)) or (semi-conductor) USPAT; US-PGPUB - (((semi adj conductor)) or (semi-conductor) USPAT; 2002/11/29 11:07	-				, .
or (semiconductor) - 27144 ((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 12358 (((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 12358 (((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 18457 (((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 18457 (((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB - 18457 (((semi adj conductor)) and molecule) and ((semi-conductor)) USPAT; US-PGPUB - 18457 (((semi adj conductor)) or (semi-conductor) USPAT; US-PGPUB - 18994 (((semi adj conductor)) or (semi-conductor)) USPAT; 2002/11/29 11:07	-	4			
or (semiconductor)) and molecule 12358 (((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB (US-PGPUB electronic 18457 (((semi adj conductor) or (semi-conductor) USPAT; US-PGPUB (((semi adj conductor)) and molecule) and ((semiconductor)) and molecule) and (electronic or electrical) 13994 (((semi adj conductor) or (semi-conductor) USPAT; 2002/11/29 11:07	-	308808	or (semiconductor)	US-PGPUB	2002/12/06 13:50
or (semiconductor)) and molecule) and US-PGPUB electronic 18457 (((semi adj conductor) or (semi-conductor) USPAT; 2002/11/29 11:08 or (semiconductor)) and molecule) and (semiconductor) (electronic or electrical) 13994 (((semi adj conductor) or (semi-conductor) USPAT; 2002/11/29 11:07	-	27144	or (semiconductor)) and molecule	1	
- 18457 (((semi adj conductor) or (semi-conductor) USPAT; cor (semiconductor)) and molecule) and (semiconductor) (clectronic or electrical) (((semi adj conductor) or (semi-conductor) USPAT; 2002/11/29 11:07	-	12358	<pre>(((semi adj conductor) or (semi-conductor) or (semiconductor)) and molecule) and</pre>	1	2002/11/29 11:07
(electronic or electrical) - 13994 (((semi adj conductor) or (semi-conductor) USPAT; 2002/11/29 11:07	-	18457	<pre>(((semi adj conductor) or (semi-conductor) or (semiconductor)) and molecule) and</pre>		2002/11/29 11:08
electrical	_	13994	<pre>(electronic or electrical) (((semi adj conductor) or (semi-conductor) or (semiconductor)) and molecule) and</pre>	t ·	2002/11/29 11:07

Search History 12/10/02 10:41:56 AM Page 1 C:\APPS\EAST\Workspaces\09606429.wsp

		_	_	
-	2408	<pre>((((semi adj conductor) or (semi-conductor) or (semiconductor)) and molecule) and (electronic or electrical))</pre>	USPAT; US-PGPUB	2002/11/29 11:08
_	724	<pre>and moiet\$4 (((((semi adj conductor) or (semi-conductor) or (semiconductor)) and molecule) and (electronic or electrical))</pre>	USPAT; US-PGPUB	2002/11/29 11:08
-	23	and moiet\$4) and biologic\$4 ((((((semi adj conductor) or (semi-conductor)) and	USPAT; US-PGPUB	2002/12/09 10:14
		molecule) and (electronic or electrical)) and moiet\$4) and biologic\$4) and nanocrystalline		
-	111	<pre>((((((semi adj conductor) or (semi-conductor) or (semiconductor)) and molecule) and (electronic or electrical))</pre>	USPAT; US-PGPUB	2002/11/29 11:09
-	2	<pre>and moiet\$4) and biologic\$4) and organelle ((((((semi adj conductor) or (semi-conductor) or (semiconductor)) and molecule) and (electronic or electrical))</pre>	USPAT; US-PGPUB	2002/11/29 11:09
	3	and moiet\$4) and biologic\$4) and organelle) and nanocrystalline Rajh.in.	USPAT;	2002/12/02 09:28
_	1	Paunesku.in.	US-PGPUB USPAT;	2002/12/02 09:30
_	6	thurnauer.in.	US-PGPUB USPAT;	2002/12/02 09:35
_	1878	250/307	US-PGPUB USPAT; US-PGPUB	2002/12/04 14:38
-	663	250/302	USPAT; US-PGPUB	2002/12/04 14:39
-	1166	250/459.1	USPAT; US-PGPUB	2002/12/04 14:39
_	55	250/307 and (metal adj oxide)	USPAT; US-PGPUB USPAT;	2002/12/04 14:40
_	14	250/302 and (metal adj oxide) 250/459.1 and (metal adj oxide)	US-PGPUB USPAT;	2002/12/04 14:40
_	0	250/459.1 and (dihydroxyl adj phenyl)	US-PGPUB USPAT;	2002/12/04 14:40
_	0	250/302 and (dihydroxyl adj phenyl)	US-PGPUB USPAT; US-PGPUB	2002/12/04 14:40
_	0	250/307 and (dihydroxyl adj phenyl)	US-PGPUB US-PGPUB	2002/12/04 14:41
_	35	250/307 and ((valenc\$3 or conduct\$3) adj band)	USPAT; US-PGPUB	2002/12/04 14:42
_	9	250/459.1 and ((valenc\$3 or conduct\$3) adj band)	USPAT; US-PGPUB	2002/12/04 14:42
_	2	250/302 and ((valenc\$3 or conduct\$3) adj band) (250/307 or 250/302 or 250/459.1) and	USPAT; US-PGPUB USPAT;	2002/12/04 14:36
		((electron adj paramagnetic adj resonance) or EPR)	US-PGPUB	
_	223	(semiconductor) and ((electron adj paramagnetic adj resonance) or EPR)	USPAT; US-PGPUB	2002/12/04 15:19
_	37867	<pre>((semi adj conductor) or (semi-conductor) or (semiconductor)) and (metal adj oxide) ((semi adj conductor) or (semi-conductor)</pre>	USPAT; US-PGPUB USPAT;	2002/12/06 13:58
_		or (semi-conductor) or (semi-conductor) or (semi-conductor) and (octahedral adj metal adj oxide)	US-PGPUB	2002, 12, 00 13.31
	12 262	dihydroxyl adj phenyl (((semi adj conductor) or (semi-conductor)	USPAT USPAT;	2002/12/06 13:52 2002/12/06 14:01
		or (semiconductor)) and (metal adj oxide)) and octahedral	US-PGPUB	2002/12/06 14:25
-	10		USPAT; US-PGPUB	2002/12/06 14:35
_	541	Electron adj Paramagnetic adj Resonance	USPAT; US-PGPUB	2002/12/00 14:44

Search History 12/10/02 10:41:56 AM Page 2

-	0	(Electron adj Paramagnetic adj Resonance)	USPAT; US-PGPUB	2002/12/06 14:15
_	1	<pre>and (charge adj pair adj separat\$4) (Electron adj Paramagnetic adj Resonance) and (charge adj pair)</pre>	USPAT; US-PGPUB	2002/12/06 14:15
_	59	(Electron adj Paramagnetic adj Resonance) and semiconductor	USPAT; US-PGPUB	2002/12/06 14:17
-	30	((Electron adj Paramagnetic adj Resonance) and semiconductor) and charge	USPAT; US-PGPUB	2002/12/06 14:17
-	21	(((Electron adj Paramagnetic adj Resonance) and semiconductor) and charge)	USPAT; US-PGPUB	2002/12/09 09:40
_	401	<pre>and pair (Electron adj Paramagnetic adj Resonance) and detect\$4</pre>	USPAT; US-PGPUB	2002/12/06 14:36
_	148	((Electron adj Paramagnetic adj Resonance) and detect\$4) and charge	USPAT; US-PGPUB	2002/12/06 14:36
-	74	(((Electron adj Paramagnetic adj Resonance) and detect\$4) and charge) and pair	USPAT; US-PGPUB	2002/12/06 14:36
_	37	((((Electron adj Paramagnetic adj Resonance) and detect\$4) and charge) and	USPAT; US-PGPUB	2002/12/06 14:44
_	1107	pair) and separation charge adj separation	USPAT; US-PGPUB	2002/12/06 14:44
_	4	(charge adj separation) and (Electron adj Paramagnetic adj Resonance)	USPAT; US-PGPUB	2002/12/06 14:45
-	23	(charge adj separation) and (electronic adj signal)	USPAT; US-PGPUB	2002/12/06 14:47
-	4970	metal and oxide and (semi-conductor or (semi adj2 conductor))	USPAT; US-PGPUB	2002/12/09 10:15
-	1896	metal adj oxide and (semi-conductor or (semi adj2 conductor))	USPAT; US-PGPUB	2002/12/09 10:20
_	15	(metal adj oxide and (semi-conductor or (semi adj2 conductor))) and octahedral	USPAT; US-PGPUB	2002/12/09 10:15
_	37868	metal adj oxide and (semi-conductor or (semi adj2 conductor) or semiconductor)	USPAT; US-PGPUB	2002/12/09 10:38
-	262	(metal adj oxide and (semi-conductor or (semi adj2 conductor) or semiconductor)) and octahedral	USPAT; US-PGPUB	2002/12/09 10:21
-	52	<pre>((metal adj oxide and (semi-conductor or (semi adj2 conductor) or semiconductor)) and octahedral) and (octahedral same oxide)</pre>	USPAT; US-PGPUB	2002/12/09 10:22
_	28599	(metal adj oxide) same semiconductor	USPAT; US-PGPUB	2002/12/09 10:40
-	59	((metal adj oxide) same semiconductor) and octahedral	USPAT; US-PGPUB	2002/12/09 11:40
_	4	octahedral adj metal adj oxide	USPAT; US-PGPUB	2002/12/09 11:47
_	4	octahedral near (metal adj oxide)	USPAT; US-PGPUB	2002/12/09 11:48
_	144	octahedral same (metal adj oxide)	USPAT; US-PGPUB	2002/12/09 13:17
	21	(octahedral same (metal adj oxide)) and semiconductor	USPAT; US-PGPUB USPAT;	2002/12/09 13:20
	12	(octahedral same (metal adj oxide)) same semiconductor dihydroxyl adj phenyl	USPAT; US-PGPUB USPAT;	2002/12/09 13:45
_	705	semiconductor near oxidat\$4	US-PGPUB USPAT;	2002/12/09 13:56
_	16804	semiconductor same oxidat\$4	US-PGPUB USPAT;	2002/12/09 13:56
_	787	(semiconductor same oxidat\$4) same	US-PGPUB USPAT;	2002/12/09 13:57
_	35	electron ((semiconductor same oxidat\$4) same	US-PGPUB USPAT;	2002/12/10 08:21
_	1	electron) and cleav\$3 ((semiconductor same oxidat\$4) same	US-PGPUB USPAT;	2002/12/09 14:58
-	1	electron) and (cleav\$3 near5 molecule) 6310373.pn.	US-PGPUB USPAT;	2002/12/09 14:58
	1	0310373.pm.	US-PGPUB	2002/12/05 14:30

Search History 12/10/02 10:41:56 AM Page 3 C:\APPS\EAST\Workspaces\09606429.wsp